



**COCHISE
COUNTY SHERIFF
OFFICE**
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COCHISE COUNTY SHERIFF SEARCH AND RESCUE

Special points of interest:

- 3.1.2016, Search Mission Parker Canyon lake
- 3.1.2016 Almost Rescue for us Montezuma (handled by Palominas and BP)
- 3.2..2016 Rescue off Airport Rd, WX
- 3.3.2016 Search Rail Bed, N of Charleston Rd
- 3.3.2016 Training/Meeting Foothills Station
- 3.6.2016 tech Rescue Training West Stronghold
- 3.10.2016 Rescue/ Recovery Ramsey Canyon Hamburg Trail
- A Thank You Letter
- 3.11.2016 Rescue Chiricahua National Monument
- 3.12.-13.2016 Rescue Huachuca Mountains
- 3.14.16 Search off McDonald Ranch Rd (began 3.13.2016)
- 3.19.16 Rescue Parker Canyon Lake
- 3.19.16 Helo Training West Stronghold and BBQ 35 Years CCSO SAR
- 3.20.16 Rescue Montezuma Peak 6 Illegal Immigrants 4 USBP Agents
- 3.24.16 Agency Assist Search Santa Cruz County Parker Canyon

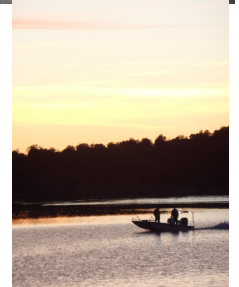
This Month in Search & Rescue

March 2016

3.1.2016 Search Parker Canyon Lake

March began with three missions in a row, with the search at Parker Canyon Lake being the first one. Husband and wife went to the lake, he went fishing and she wanted to go for a short walk around the lake on the perimeter trail. She left around 1100 hours with an expected return of about one hour, she was not back by 1400 hours. The husband became worried and another female was able to call CCSO for assistance. Geronimo got there first, and Tom obtained some information from the husband and conducted a search around the lake. All with negative contact. Due to time (darkness) limitation on Geronimo, DPS Air rescue was contacted for assistance and arrived around dusk. Two teams were deployed working the perimeter trail around the lake, looking for any sign the female might have fallen into the lake. Our boat was deployed as well, and they were

instructed to check specifically the area around the cliffs for any indicators someone might have fallen. Jake was deployed to check the Lake Rd also with negative contact. All was with negative contact. DPS Air Rescue did spot a female in the area of Canello Hills Pass and the AZ Trail. The female told G-Geoff, she encountered our missing person and directed her toward the lake. The missing female was able to call a friend, who in turn call dispatch and dispatch was able to get a hold of her telling her to call 9-1-1. Upon her calling 9-1-1 we received coordinates placing her in a plateau area between the AZ Trail and the Lake Rd., so Jake was actually closest to her. While on the phone she told dispatch she could hear his siren. The coordinates were given to DPS Air and they were able to land and retrieve her.



The rescue mission near French Joe Trail was handled by Palominas Fire and BP since we were busy with this search mission. The "Coronado Command" was rather frustrating for our dispatchers. Acting like he was in charge of everyone, to include BP, asking for Geronimo, then DPS for a short haul. DPS will deploy at night, but never ever will they conduct a short haul at night.



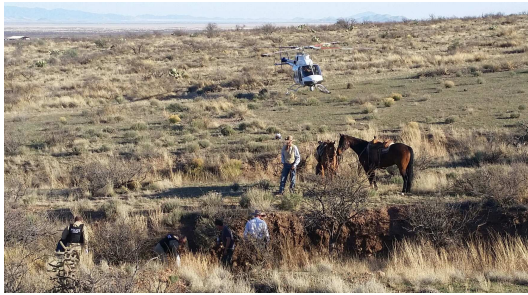


3.2.2016 Rescue Off Airport Rd., Willcox

This was a weird call. A rancher in the Willcox area came across a subject way out in his pasture who had cut his wrists. The subject was approximately 5 miles north of

town in the mountainous area of the Winchester Mountains. The rancher called his wife, who reported it to WX PD, who in turn called CCSO. David activated the team around 1527 for a possible short haul. Jake and Mike responded as well and met the rancher via horseback at the subject's location. DPS Air Rescue was able to land and the medics tended to the subject, who was then flown to WX hospital. The subject's vehicle was located in town, and it appeared he cut his wrists

in the vehicle, since it was full of blood. It is unknown how he made it that far out of town.



**"You add value
to people,
when you
value them."
John Maxwell**

3.3.2016 Training/Meeting and a Search on the Rail Bed off Charleston Rd

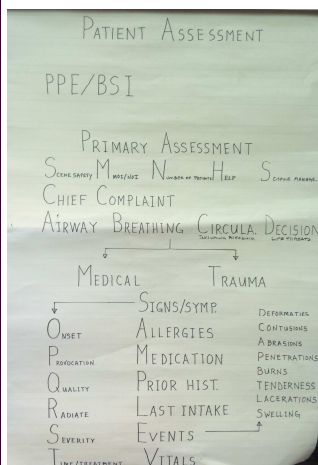
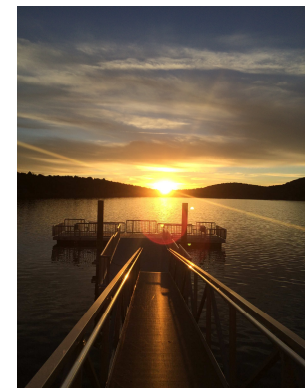
Eric had the team practice the different variations of figure 8 knots, from the simple figure eight to the double loop.



While the team practiced, others attempted to beat their

time on the knot tying station. At the Swift water Rodeo one of the competitions is to tie the most common knots correctly in three minutes after you completed a scenario. Even if you think you know all your knots, this is a very challenging event. Eric also covered Patient Assessment in the field. During the meeting David got a call for a pending mission. Had to go out and look for a group of trail riders, not prepared for the dark. They were somewhere on the rail bed between 82 and Charleston Rd. David, Jake and some volunteers responded and located the group

not too far north of Charleston Rd, and led them back to their vehicles. Another happy ending. This again shows, you have to be prepared for whatever. You never know if you get delayed and you end up in the dark with no lights, etc. We are not yet in the summer months, even though our



3.5.2016 Tech Training West Stronghold

Our training for this weekend concentrated on systems and pick offs. We had to change our initial plan of converting to a raise and stayed with lowering once the subject was picked off by the rescuer. We also trained at a completely new spot, having members think outside the box and discuss the best option for the belay and main line. At one time the 5:1 was not working, due to extreme friction on the rope, hence a change was necessary, since you do not want to place more people on the system, which will cause a system overload, leading to subsequent failure. Pretty much all team members conducted the pick off, with others manning the main an belay line. Dominic and



Working the MPD on the belay line.



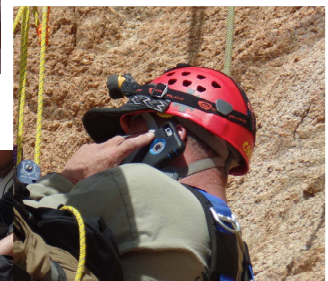
Deuce picked off Paul



The system was switched to a haul; however, due do not having the vortex set up, Eric and Scott were pulled directly into the wall. The system was converted to lower, and both were lowered to the ground.



Ryan played the victim for Dominic.



David taking a missing person call from Marquita while hanging in mid air and being rescued by Scott R73!



Bill setting up the safety line.



Setting up the belay and change of direction for the main line.



Eric R7 pick-ing off victim Scott R74.



Bill conducted the pick off of Dominic and tried a different system. Unfortunately, some problems occurred with our BFR anchor, slippage of the webbing. The wait was a bit uncomfortable for Bill, not so much for Dominic.



Dr. Scuba Corner

“Individuals play the game, but teams beat the odds.”

Seal Team Saying



Deuce tried out his signal mirror. It works.

3.10.2016 Rescue / Recovery Ramsey Canyon

David activated the team for a rescue mission for a subject with a heart attack around 1000 hrs. However, by the time we arrived the subject had been pronounced. It is yet unclear, to be determined by the ME, if the subject suffered a heart attack or passed away as a result of

a fall he took. Husband and wife went for a hike up Hamburg Trail from the preserve when this incident occurred. DPS Air Rescue assisted us in the recovery.



APRIL 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
					David is on vacation	
3	4	5	6	7	8	9
He will be on a cruise out of state out of country, Guess we have to hold up the fort while he is						
10	11	12	13	14	15	16
enjoying himself.						
17	18	19	20	21	22	23
24	25	26	27	28	29	30

SCHEDULED ACTIVITIES

4.2.2016 Tech training at the Charleston Bridge, Pick offs, ascending, Sked work etc.

4.7.2016 Meeting and training Foothills Station 1730 hrs -

4.14.2016 Dive tender training at foothills 1730 to 2100 hrs (for new dive tenders and refresher for the old ones)

4.16.2016 Dive training Parker Canyon Lake

4.21.2016 Coordinator training Foothills Station 1000 hours

4.23.2016 Mow Party E Stronghold two spots. Need as many people with appropriate mowing equipment.

4.27.2016 State SAR Coordinator meeting Prescott (David, Ursula and Tom gone) Jake and John have to handle calls starting 4.26.



Pilot John Jonas and Medic G-Geoff. Full in action.

Water Requirement

With the hot temperatures approaching rather quickly, it is important we make sure we have enough water in our packs. The chart gives you an idea of how much water you might need. The bottom line—the hotter the temperature, the more water, the more activity the more water, especially the activity we would be involved in. Watch for the signs of **Heat Cramps**: painful spasms usually in muscles of legs and abdomen, possibly heavy sweating. Watch for the signs of **Heat Exhaustion**: Heavy

sweating, weakness, dizziness, skin cold, pale and clammy. Pulse steady, normal temperature, possible fainting and vomiting. Watch for the signs of **Heat Stroke**: high body temperature (106 or higher), hot red, dry skin, rapid and strong pulse, possible unconsciousness.

Make sure you hydrate on your way to the mission. Have some Gatorade powder or other electrolyte replenishment supplement in your pack.

WATER REQUIREMENTS FOR SURVIVAL IN THE DESERT

NO WALKING AT ALL						
Available Water per Man, U.S. Quarts						
Max. Daily Shade Temp. °F	0	1	2	4	10	20
Days of Expected Survival						
120°	2	2	2	2.5	3	4.5
110°	3	3	3.5	4	5	7
100°	5	5.5	6	7	9.5	13.5
90°	7	8	9	10.5	15	23
80°	9	10	11	13	19	29
70°	10	11	12	14	20.5	32
60°	10	11	12	14	21	32
50°	10	11	12	14.5	21	32

WALKING AT NIGHT UNTIL EXHAUSTED AND RESTING THEREAFTER						
Available Water per Man, U.S. Quarts						
Max. Daily Shade Temp. °F	0	1	2	4	10	
Days of Expected Survival						
120°	1	2	2	2.5	3	
110°	2	2	2.5	3	3.5	
100°	3	3.5	3.5	4.5	5.5	
90°	5	5.5	5.5	6.5	8	
80°	7	7.5	8	9.5	11.5	
70°	7.5	8	9	10.5	13.5	
60°	8	8.5	9	11	14	
50°	8	8.5	9	11	14	

“Regardless of differences, we strive shoulder to shoulder... Teamwork can be summed up in five short words: “We believe in each other.”

Unknown

3.10.2016 Awards Ceremony

The Sierra Vista Chamber of Commerce honored four Cochise County Sheriff's Office members/volunteers at the monthly Good Morning Sierra Vista gathering. Each of these recipients were selected to represent the Sheriff's Office as Employees of the Year 2015 and we are so proud to have them as part of our team! Thank you to the SV Chamber for all of their efforts and for allowing us to participate in the exciting event!

Eric “Deuce” was one of the awardees. He did receive one of the Volunteer of the Quarter awards during 2015 and was selected as Volunteer of the Year for 2015.



Congratulations Deuce



A Thank You Letter

Dear Cochise County Search & Rescue,

On the bright and sunny morning of March 1st, my husband and I set off on a little day of fishing at Parker Lake to celebrate his birthday. With a picnic lunch packed we headed over the mountain and arrived at the lake around 10:45 a.m. By 11:00, Russell had his fishing pole and gear ready and I grabbed a bottle of water and started off to the right on a little, quick, walk around just a portion of the lake.

This was not something new to me. I had hiked around Parker Lake many times in the past, always with a camel filled with water, food, rain jacket, knife, etc., wearing high top hiking boots and hat.

But this time I wasn't planning on going all the way around the lake as we were celebrating Russell's birthday later at home with a nice dinner. But the weather was so gorgeous that after I started walking, I decided to just go ahead around the entire lake. I portioned my 16 oz. bottle of water so that it would last until I arrived back at the fishing dock area, around 1:30 at the latest. Plenty of time! My I-phone-6 was in my pocket, visor on my head, and sunscreen was slathered over face, arms, and legs.

Somehow on the back side of the lake, after passing the house and picnic table, I realized that I had lost the trail and lake which I knew to keep on my left side. I continued walking, thinking that I would get back on the trail. By about 2:00 p.m. I found that I was on the Arizona Trail, taking photos of signs and things that I passed, to send to Russell, hoping that he would get them when I went through a cell area. I thought that if I kept walking, surely I would come to a road that would lead me back to Parker. I was starting to get concerned, but couldn't allow myself to get scared. I did a lot of praying.

Finally, around 3:00 p.m. I came upon two young men who were backpacking the Arizona Trail from Mexico to Utah. They were on their way to Patagonia. They filled my water bottle, and told me to keep following the well-marked Arizona Trail. I would pass springs and would then continue and come to a car parking lot. Soon I would get to the Parker Canyon Trailhead that would lead me back to the lake. I was very thankful for their kindness and once again I was sure that I could continue. They told me that I had about five miles to go. I calculated that I could be back to the lake by 5:30 p.m. at the latest.

The trail was very easy to follow and I did reach the springs. It seemed to be more like a stream as it went on and on and on. I walked beside it, passing another young couple who were backpacking and setting up camp for the evening. Spoke to them and wished them a good evening!!! I should have asked for directions one more time and a water re-fill.

But I thought I knew what I was doing, so I kept walking. Continuing along this stream, I traversed back and forth across it, in order to stay on what I thought was the trail

I kept praying for signs to get me back to the lake. But it was getting much later. I had heard planes all day. Then I started hearing what I thought was a drone, and next a helicopter. It was now about 5:30 p.m. I knew that I had to keep walking in order to get out before dark. I didn't know if anybody was looking for me and figured that any kind of search and rescue wouldn't start until 24 hrs. after someone was missing. I knew that my husband would be extremely concerned and I was very sorry for this. I kept picturing his face at the end of the trail and it kept me going.

Since I was at the bottom of a canyon, I realized that IF someone was looking for me I had to get to high ground. So I started up what seemed to be a very high mountain. When I was about one third of the way up the mountain, I lost my footing and rolled down to the bottom, landing in the stream that was full of cow patties. UGH! Now my clothes were wet, smelly and I had broken my prescription sunglasses in the fall. But I wasn't hurt, so got up and headed toward the sky again. The sunlight was starting to dim, which made me a little nervous.

I finally reached the top of the hill and found myself in the middle of a bunch of grazing cattle. As I climbed under a barbed wire fence(one of many that I climbed over or under) and stood next to a salt lick, my cell phone started making text and e-mail sounds. I didn't move from the spot as I didn't want to lose the signal. The sun had set on my left and as I looked out in front of me I could see and hear a helicopter. I tried calling 911 but it wouldn't go through. I read a text from a Paul Larson, whom I didn't know. He and his wife had spoken to my husband on the fishing dock earlier in the day and he was wondering how I was doing.

I knew that I needed help at this point. I couldn't get in touch with my husband, so decided to call a hiking friend, Judy Phillips, in Sierra Vista. She called 911 and gave them information about where I was. She had told me to look at the compass on my phone to get the coordinates. I was very tired by this time and could only remember that it said 331 degrees NW of Hereford. She said to keep calling 911 until I got someone. I finally reached the Santa Cruz dept., but they knew nothing about me. However, the gal told me to stay on the line, and she connected me to Julie, from Cochise County.

Hallelujah! She was able to tell me that a rescue team was searching for me, and she was able to give them my exact coordinates. I had been waving the flashlight on my phone, but since it was dusk, the light wasn't showing in the sky. I was saddened each time I saw the helicopter heading back the opposite direction. It looked to be one to two canyons north of where I was standing. Darkness set into the night as the cattle mooed, the coyotes howled, the temperature dropped...and I wondered if I would be spending the night on the top of this mountain. Julie continued to talk to me and when I would see the helicopter we would stop talking so that I could wave the flashlight. Every

now and then I heard a siren off to my right. It wasn't a continuous sound, but in short bursts. She said that there was someone in a vehicle up there looking for me also. I'm not quite sure of the time, but I think it was about 7:45 or 8:00 p.m.. As I was waving the light, the helicopter signaled me with it's spotlight, so I knew that I had been found. Julie told me to sit flat on my bottom, that the helicopter would land near me, and someone would come to get me. It seemed to be a long couple of minutes, but soon the helicopter landed, and an Arizona Police/Medic came walking toward me. He said that we would walk to the helicopter, then walk to the left in front of it. He would buckle me in a seat and he would sit across from me. He told me to do exactly what he said and then followed that with, "I bet you are really embarrassed!"

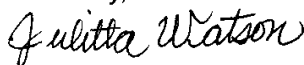
Embarrassment was only a part of how I was feeling. First of all, I felt very sorry that I had caused my husband of almost 46 years such grief, especially on his birthday. I was extremely thankful to people I had never met, who took the time to speak with my husband, and then call 911. We still don't know who the young woman hiking with a dog was, who made the initial call to 911. She took my information from my husband and promised to call as soon as she was within cell service again.

I am very thankful to the Cochise County Search & Rescue Team. I understand that you set up a communication area, and that rescuers were searching by car, horse, helicopter and boat. When you didn't have night vision equipment, the Arizona State Police were called in to help.

Never in my life would I have thought that I would need help like this. Thank you to Julie who stayed on the phone with me, to all of those I never even saw, to the helicopter team who looked for me until dark, the helicopter team who returned me to Parker Lake, and for all of your friendly faces when the helicopter landed. Your coordination in this process was just incredible. I thank you for the kindness you paid to my husband. He has told me about everything that you were doing to make sure I returned safely. When I looked at my FitBit, I realized that I had walked almost 18 miles, not quite the little 5-6 mile hike that I thought I was doing. I was definitely VERY lost.

You folks are in the business of caring for others. Please know that from the bottom of my heart, you are greatly appreciated. We don't know who to send this to as we have no names, except Julie, the 911 operator. For those who assisted in this rescue, we would greatly appreciate that you somehow pass this letter around, so they all know how much we appreciate the kindness and expertise that was extended to us.

Sincerely,



Julitta Watson

This is why we do what we do—Cochise County Search and Rescue—we do this job so others may live.

3.11.2016 Rescue Chiricahua National Monument

CCSO SAR was called for assistance with a litter carry in the Chiricahua National Monument. A 75 year old female apparently fell and went unconscious. By the time CCSO SAR, or at least several members arrived, NPS had garnered enough personnel to conduct the litter carry and approached the trailhead by the time CCSO SAR personnel arrived. The subject, from Washington State, fell victim to the high

elevation and dehydration and was transported via ambulance to Northern Community Hospital. This shows, it does not matter what time of year it is, one must stay hydrated no matter what. Luckily she survived.



“It is amazing how much you can accomplish when it doesn't matter who gets the credit.”

Unknown

May 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

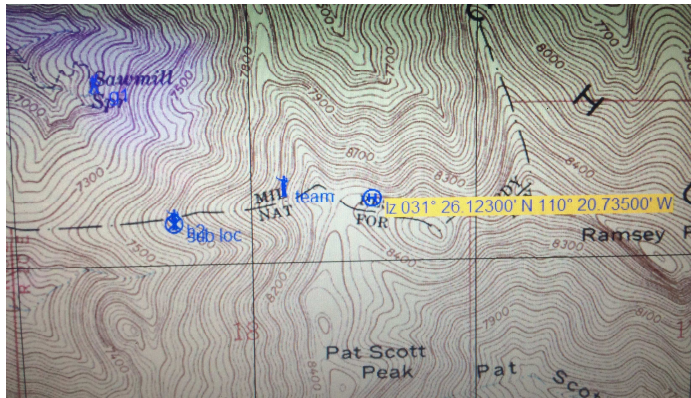
Schedule of Events

- 5.5.16 Training and Meeting Foothills Station 1730 hrs till
- 5.7.16 Helo Requals East Stronghold ingress/egress new members
- 5.19.16 Coordinator training Foothills Station 1000
- 5.21.16 Swift water training Salt River o'dark thirty
-

3.12/13.2016 Rescue Huachuca Mountains

David activated the team around 2000 hours for a rescue mission in the Huachuca Mountains. The lost subject activated an emergency locator, and the responsible agency in turn contacted CCSO. The subject was a 17 year old male, who began an AZ Trail trip to the Utah border. He started the hike the day prior and apparently ran out of water and warm clothing. The coordinates provided placed the subject in a rugged area

where he was flown to command post and turned over to his mother. Our subject lost the trail and ended up in the Gate 2 area and was unable to back track back to the AZ Trail. He was approximately 4 miles north of the AZ Trail in total rugged wilderness with no access via any other trail or except for air and going cross country. The map the subject did have was not adequate enough for details and terrain features.



between Pat Scot Peak and Sawmill Springs, a very rugged terrain. David did activate DPS Air Rescue as well to assist in this rescue. Since we could not rely on DPS Air Rescue to conduct the mission due to high winds, a four man team was deployed to approach the subject from the Ft. Huachuca side via Garden/Sawmill Canyon. The four man team was accompanied by two MPs. DPS Air Rescue flew a re-con of the area and advised they could fly a team in and extract the subject. A two man team was flown to a LZ in the area of Gate 2. This two man team hike to the subject who was dehydrated and very cold. Temperatures were in the very low 30s to high 20s. The subject was not properly dressed and or had the proper cold weather gear. The first ground team via Ft. Huachuca made it to the subject within about 10 minutes of the helo ground team. Both assessed the subject. He was placed into a sleeping bag with additional clothing to get him warmed up. He was further given fluids containing electrolytes to aid in the hydration process. Once warmed up and able to proceed, the teams hiked the subject to the LZ,

This could have been a very sad outcome, had it not been for the emergency locator he activated. The team, to include the two MPs did an extraordinary job in getting to the subject. Team One did a lot of "crawling" getting up the very steep

terrain from Sawmill Spring. The team told CP there was no way they could hike back to the location they came from. At times, looking up, they saw nothing but straight cliffs, in actuality requiring a rope system. Overall, Team One arrived within minutes of the helo team. Great Job Guys. It was not clear if DPS Air Rescue would have been able to conduct the rescue due to the weather/wind conditions. Thankfully they were able to, and the crew made several trips to get the subject and the team out. The Sawmill Spring team said the terrain was horrible requiring them to crawl up several sections and in actuality would have required a rope system.



Good Morning Dave & Ursula,

I wanted to take a moment and express my sincere appreciation for the dedicated time/effort by all your SAR members. I continue to hear/read the missions your team responds to and wanted to make sure they hear it from me, Thank YOU for ALL they do!! Please share this message with them.

Thank You,

Sheriff Mark



"There are few, if any, jobs in which ability alone is sufficient. Needed, also, are loyalty, sincerity, enthusiasm and team play."

William B. Given Jr.

“Education is the most powerful weapon which you can use to change the world.”

Nelson Mandela



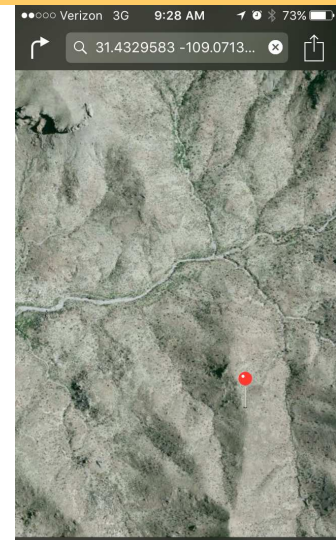
3.19.2016 Rescue Mission Parker Canyon

Normally we have a mission after training, today was the opposite, mission prior to the training. This call started around 0430 hours, with a group of illegal immigrants calling 9-1-1 advising our dispatch of one of their members being sick and they needed help. The Spanish speaker told dispatch his wife had been vomiting blood and they had been in the mountains for at least two nights. David also contacted DPS Air Rescue for assistance with this call. The 9-1-1 call placed the subjects on or near a trail in the Huachuca Mountains. Upon the arrival Of DPS Air Rescue they conducted a recon flight and located the subjects. We stripped the ship completely and flew to the area in an attempt to insert the medic and one SAR person. This plan had to be nixed due to the terrain. There was not one spot for even a hover ingress/egress. We went back to command post and converted the

This search began on 3.13.2016 morning hours, but was handled by BP since our team just went to bed after an all-nighter in the Huachuca Mountains. The subject had called his sister and provided her with co-ordinates. She in turn called CCSO for assistance. The subject was left behind by his group, suffering from diabetes. The group took his belongings and it is unknown if the medication was inside the pack or on his person. BP searched for the subject all day long yesterday and over night. This morning 3.14.16 they contacted us for assistance, air and foot. Several of our members responded and working the search. BP has a helo, as well as a team of 8 horses, to include a drone. The drone did spot a single person about 5.9 miles south west of the last location, which turned out to be a single BP agent. Back to square one. The subject more than likely is down under a bush and unresponsive. The search was suspended since none of the teams found any clues the subject was even in the area, such as foot sign or any other sign someone was in the area. We later found out through the sister the subject made it back to Agua Prieta and was okay. Two days of searching for someone not even in the area. Go figure

ship for a rappel to include a short haul. The subject was placed into the screamer suit and short hauled to the LZ. The issues I encountered were portable radio problems, the radio switched zones twice on me, making it a bit difficult for communications. Per communications this was the best communications ever. The PR was Spanish speaking only, dispatch transferred him to Douglas. Douglas obtained the information and instant messaged (IM) what the subject said to our dispatch, who in turn relayed the information to David. David was on the radio with Scott who relayed the information to the helo. Talk about communication at its finest. Kudos to our dispatchers as well. Great job all of you.

3.14.2016 Search in the area of McDonald Ranch Rd



We are all in this together.
Unknown

Rope Rescue Word Find

O	E	N	E	R	G	Y	E	B	R	Z	U	T	M	A
L	K	K	N	A	M	N	E	C	D	K	N	Z	A	W
D	R	K	Z	A	O	L	C	N	E	E	S	Z	I	X
R	P	A	M	Z	A	U	R	I	N	G	S	K	N	E
E	E	Y	Z	Y	C	E	G	O	T	A	D	M	L	T
M	G	S	U	T	S	Z	P	U	N	E	Y	E	I	R
B	L	T	E	C	E	O	E	P	O	R	N	N	N	O
F	R	G	U	A	R	K	R	C	I	Q	H	I	E	V
I	A	E	I	P	R	E	L	L	T	R	T	X	K	N
B	R	D	S	W	G	C	F	I	C	I	J	J	F	T
C	I	M	A	N	Y	D	H	F	E	D	A	Y	K	Z
F	V	Q	A	Z	L	Q	V	F	T	A	N	S	L	T
W	L	D	Z	A	V	S	G	I	O	O	U	L	L	Z
J	E	X	A	A	O	Q	W	P	R	L	J	O	E	R
R	E	S	U	L	T	A	N	T	P	I	L	P	P	J

AZTEK

DANGER

ENERGY

MAINLINE

RESCUER

ROPE

BELAY

DYNAMIC

KINETIC

PROPONENT

RESEARCH

VORTEX

CLIFF

EDGE

LOAD

PROTECTION

RESULTANT

ZONE

Back Ties—Pick Offs

During our last technical training the question came up about backing up anchors / back tying. Here is some info.

It is always good practice to back up an anchor which is marginal and or not strong enough, but in perfect location for the rescue load. If your primary anchor is too weak, locate another anchor behind it. The strengths of both anchors, the secondary one and the primary one will be strong enough to sustain the load. In order to combine two anchors, a rope, sling or webbing is run between - known as back tie. One must ensure the secondary anchor is just as strong or stronger than the primary anchor. The back tie must have no slack, this will prevent any kind of shock loading, which could be detrimental for both anchors and lead to anchor failure. It is always good practice to

pre-tension the back tie prior to the system being loaded thereby removing all the slack.

Things to consider for a pick off: Anchors, rope, hardware and personnel can and will be subjected to sudden increased loads. The possibility of shock loading. A change from where the load is anticipated to come from. When we rig for a pick off the following applies. We must rig the anchors for increased and multidirectional loading (we discovered one of the anchors began to slip during our last training and we had to basically back tie a BFR). We must ensure all karabiners are locked and correctly aligned. We must ensure nothing changes. We must ensure the system has an adequate safety factor. And last but not least all rescuers must be prepared to handle the sud-

den increase in weight and adjust the friction on their rappel devices accordingly.

Pick off applications:

It is okay for just one person to conduct the rescue

Not enough personnel

There is not enough time to wait for additional people due to the urgency of the situation and no time to wait for additional personnel. The benefit of the pickoff outweighs the risk involved. For example" A rock climber has fallen, only slightly injured but requires assistance in getting off the face. A tourist has slipped onto a ledge and cannot get up or down. Or a hiker has fallen into dangerously steep terrain and is unable to move because of the dangers of falling.

3.19.2016 Technical Rescue Canine Training W Stronghold

The plan for this training was ingress/egress with DPS Air Rescue; however, we had to change our plans and conduct rope training. Our search dogs were on location as well and asked if we could possibly set up a haul system incorporating the dogs and the handler. Initially a rope system was set up using one of the big oak trees allowing the dog getting use to being suspended in midair. Roxy was one of the first dogs and she had absolutely no issues. She showed no signs of being scared or in distress. Wagging her tail the entire time. The next dogs were Heidi and Cesar.



Michelle's dog did not want anything to do with the harness. Odin was okay with it, but didn't really know what to make of it, being suspended in the air with no



paw to ground contact. The initial spot our canine group picked out for the system was not very suitable for the anticipated training possibly causing injury to the dog. Our tech people found the perfect spot making it a little challenging for our handlers and their dogs. The dogs did not have a problem at



all being suspended from their handler's harness. Walter with Roxy.



The edge team did an excellent job helping out the handler and the canine. Next was handler Gaby with Heidi.



Tech training W Stronghold continued.



After the training we concluded the day with a BBQ as a thank you for all the hard work our volunteers do. Normally this would have been our long overnight weekend at the E Stronghold, which we had to cancel

due to a conflict. Little did we know, what we learned and practiced this day would be used and applied the next day during a rescue operation involving a BP handler and his service dog.

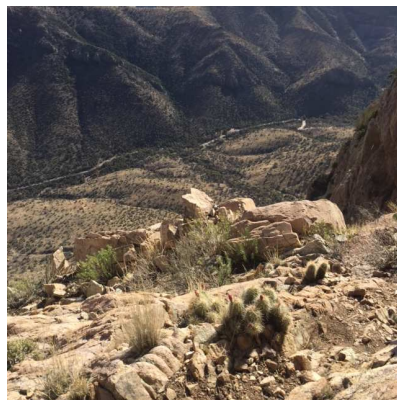
**YOU GUYS AND
GALS ROCK.**

3.19.2016 Rescue Mission Montezuma Peak Area

The missions for March were not letting up. David called me around 1145 hours in regard to a rescue mission near Montezuma Peak. Four BP Agents, one service dog, and six illegal immigrants ended up on a ledge and were basically cliffed out with nowhere to go, neither up nor down. David did activate DPS Air Rescue. They conducted a re-con flight prior to landing at the LZ. They informed us the subjects were in a very bad spot. Photo provided



by R7, Eric AKA Dr. Scuba. If I am



not mistaken, the area below the rocks is a sheer cliff. Eric said the photos do not do the terrain any justice, it being worse than shown. We totally stripped the ship and prepared it for a rappel. Tom C-151 was the first one to rappel in, due to one of the agents being injured as the result of a falling rock, and he needing to medically assess the agent. The second person in was Eric, to assess

the possibility of a technical rescue via rope systems. We were told a technical rescue is out of the question due to the terrain and severe lack of any anchors. Tom did assess the BP agent and determined he sustained very minor injuries. The canine on the other hand was more in distress due to overheating and we made the decision to extricate the handler and the dog first. The helo was rigged for short haul. In the meantime David made contact with the State SAR Coordinator to get authorization to dispatch the Air Force, 305th Rescue Squadron to assist in this mission due to the 10 persons needed to be rescued/extricated. The team did pick up a rescue harness for the canine, which went up with Eric allowing for the dog to be attached to the rescue ball with his handler; therefore, eliminating stress for the dog. The dog did outstanding.



Eric getting ready for his assignment.



Handler and canine Mike-D inbound.



The injured BP Agent was the next one to be short hauled since it was more critical to get the dog out of the heat and into a air-conditioned car to cool off.



If it would not have been for the help of the 305th, we would have been on location till dark, and possibly continued at daylight. DPS Air Rescue went for fuel after the injured BP Agent was flown to the LZ.



While DPS had gone for fuel the



305th arrived to include Customs Helo. Omaha was apparently called to assist four other BP Agents above the 10 subjects. They had hike up and became dehydrated needing help as well. The pilot caused some ruckus landing at the visitors center without notifying anyone about his intent to drop off agents he picked up. He was then diverted to our area and landed on the road, luckily we had vehicles in place to shut the road down.



While one of the Black Hawks extracted several of the illegal immigrants the other was on the LZ standing by. The LZ was an extremely busy location, with Black



Hawks flying in and out felt like an airport.



The last two have been extracted. Another successful mission. Thank you. I cannot say it enough, we cannot do this job without you the VOL-UNTEERS.



305th departing

"I can do things you cannot. You can do things I cannot: Together we can do great things." (This was teamwork at its finest).
Mother Theresa



The team members who had to stay back. :(

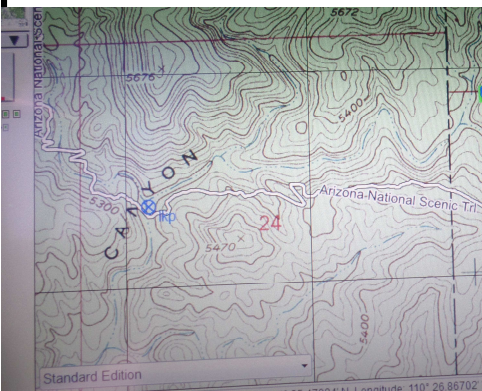
3.24.2016 Agency Assist Search Parker Canyon

Guess this call originated in our dispatch who in turn transferred the call to Santa Cruz County, since the subject pinged in Santa Cruz. A brother team was hiking the Arizona Trail and were supposed to spend the night at Parker Creek. The information we received from Santa Cruz was a bit vague. I called and received a bit more information. Six-7 miles from the trail head to Parker. The coordinates given by Santa Cruz were for the reporting party (RP). I was told the RP saw at

of Parker Creek. Apparently the brother was walking behind him and when he turned the brother was gone. No idea how far behind and for how long. David did activate the team as well as DPS Air Rescue. Geronimo was up and we initially asked for their assistance. Geronimo was later diverted to assist deputies with a felony flight vehicle. Our SAR response was a bit limited due to it being in the middle of the work week. Patty with Oden, Deuce and I, as well as the MCU were first on scene at our CP/Helo Spot at Parker. We decided to hike the AZ Trail beginning at Lake Rd heading west toward the last known point (LKP). Other team members were assigned to hike the trail east toward Sunnyside where the two spent the night prior. We started out around 1200 hours and Oden actually came across the brother, who gave us more information.

We determined the brother was way ahead of our subject and we

actually needed to start in Patagonia and work our way back. Prior to returning to CP our PR received a text from his brother saying he made it to Patagonia and he is okay. Another happy ending.



his brother the last time in the area



Our Own Helo Spot at Parker Canyon Lake

The exact spot, where David has 3G and the MDC/IM is working.



David is sending out the cancel page.

Ranger heading home



"The strength of the team is each individual member. The strength of each member is the team." Unknown

